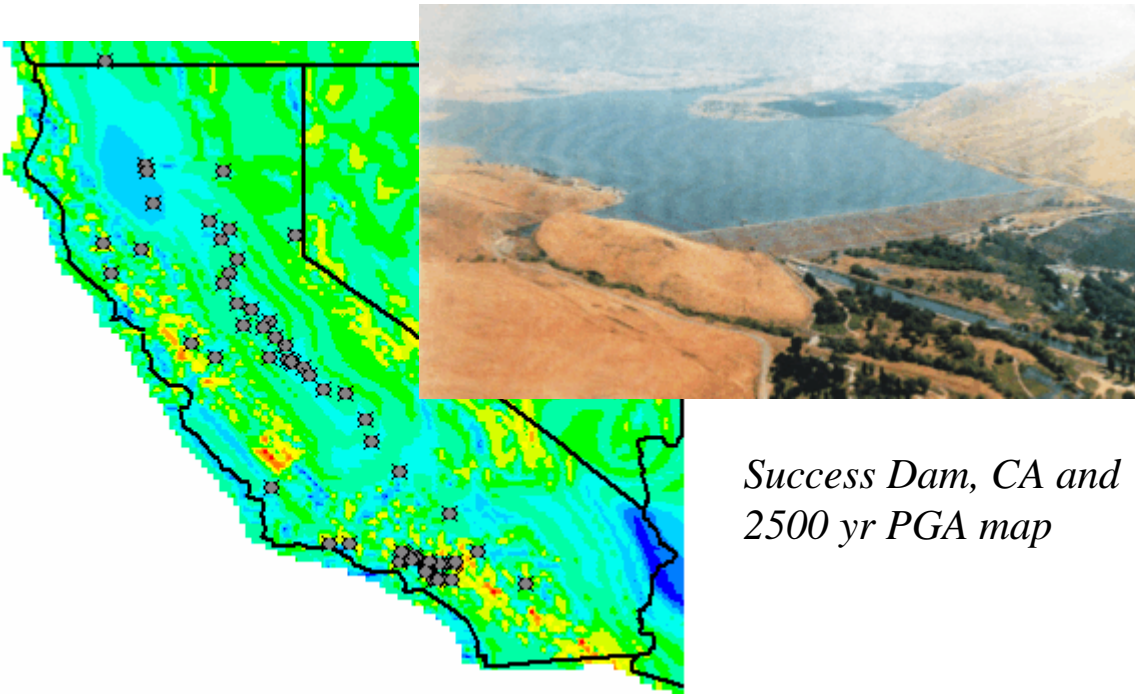


**Quick Earthquake Report  
for Magnitude 6.0  
Central California  
September 28, 2004 at  
17:15:24 UTC**



*Success Dam, CA and  
2500 yr PGA map*

**USACE Strong Motion Instrumentation Program**



US Army Corps  
of Engineers

**Sacramento District &  
Engineer Research  
and Development Center**

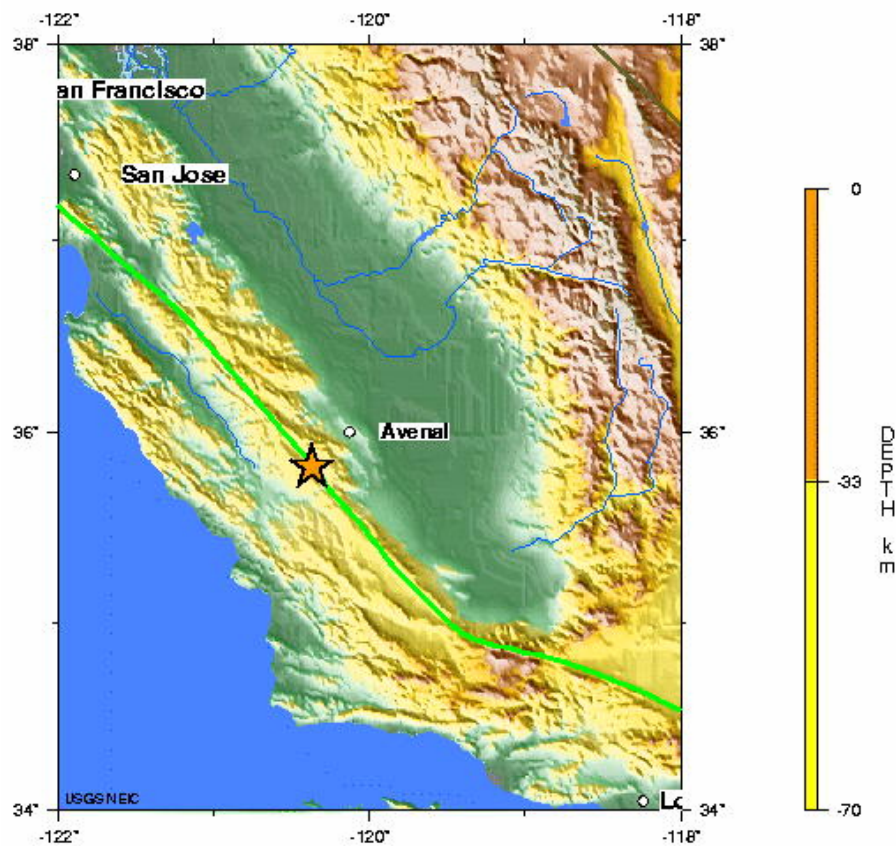


# **Magnitude 6.0 CENTRAL CALIFORNIA**

## **Tuesday, September 28, 2004 at**

### **17:15:24 UTC**

Preliminary Earthquake Report  
U.S. Geological Survey, National Earthquake Information Center  
World Data Center for Seismology, Denver



CENTRAL CALIFORNIA

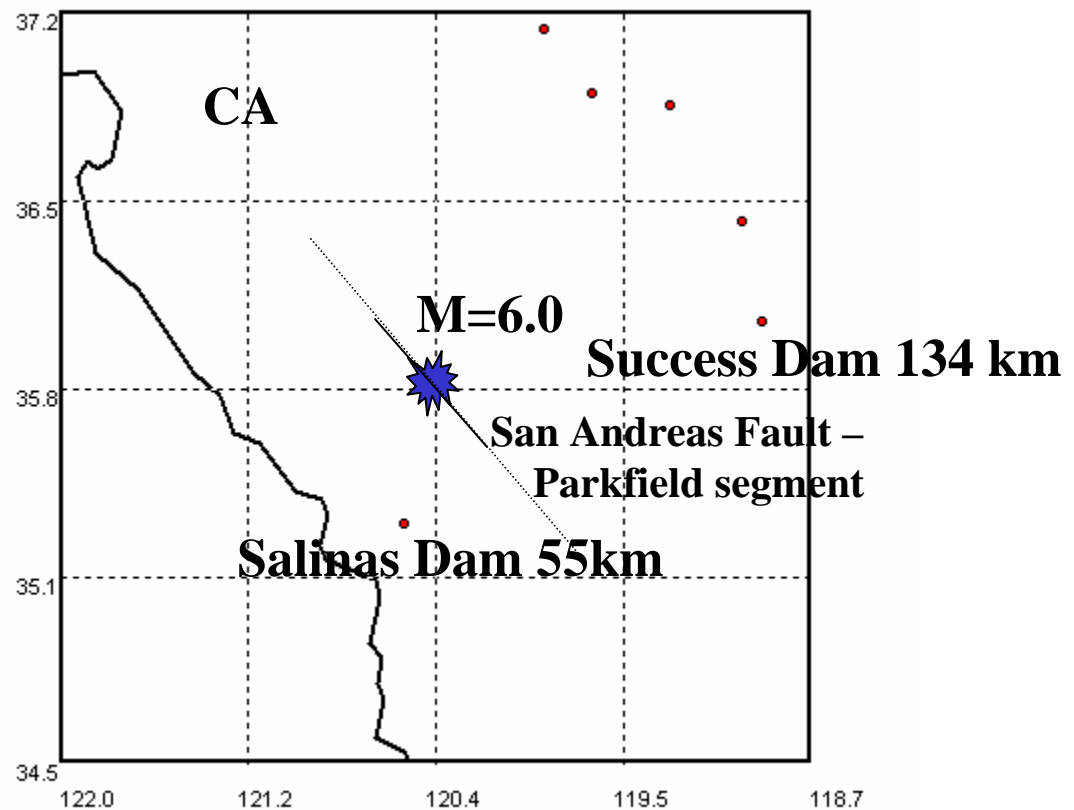
2004 09 28 17:15:24 UTC 35.82N 120.37W Depth: 7.9 km, Magnitude: 6.0

Earthquake Location

Major Tectonic Boundaries: Subduction Zones -purple, Ridges -red and Transform Faults -green

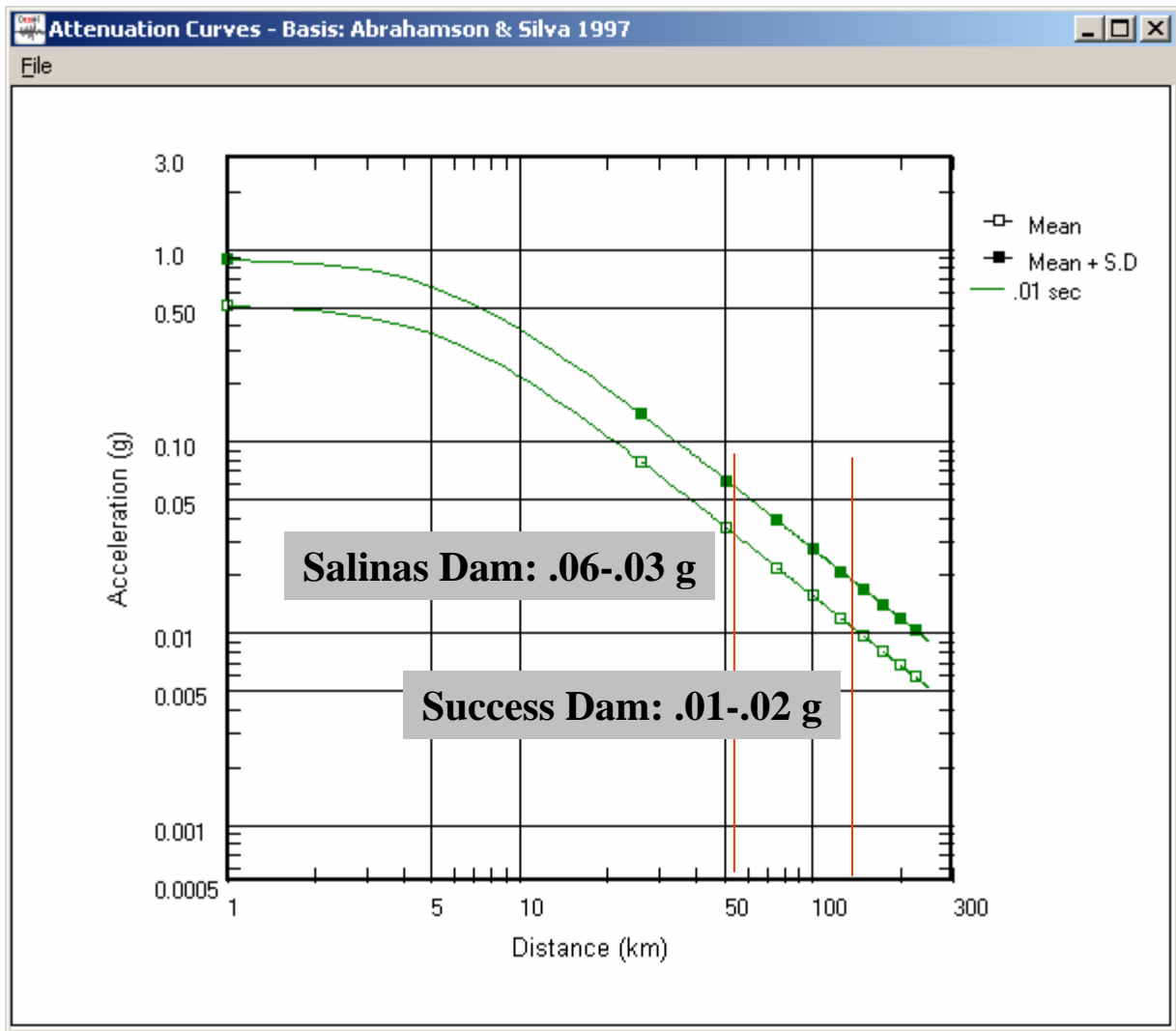
USGS National Earthquake Information Center

**USGS preliminary earthquake report extracted**  
**from web site: <http://neic.usgs.gov/neis/bulletin>**



Data within 150 Km range from Long = 120.37 , Lat = 35.82

28 September 2004 central California M=6.0  
Earthquake and nearest USACE Dams



M=6.0 earthquake ground motion attenuation relationship to estimate PGA for nearest USACE dam